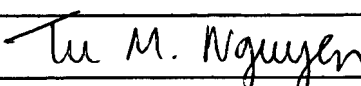


Form PTO-1449 (REV. 8-83)		US Dept. of Commerce <b>PATENT &amp; TRADEMARK OFFICE</b>		ATTY DOCKET NO. 110108.01		APPLICATION NO. Rule 53(b) Divisional of Application No. 09/904,875	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANT(S) Takamitsu ASANUMA et al.  FILING DATE April 22, 2004			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
TMN  ↓  ↓  ↓	1	5,100,632	03-31-1992	DETTLING et al.			
	2	4,902,487	02-20-1990	COOPER et al.			
	3	6,588,204	7/8/2003	HIROTA et al.			
	4	6,568,178	5/27/2003	HIROTA et al.			
	5	5,100,632	3/1992	DETTLING et al.			
	6	5,937,639	8/1999	SASAKI et al.			
	7	5,811,364	9/1998	SUGA et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
TMN  ↓  ↓  ↓	8	JP 7-106290 B2	11-15-1995	Japan			
	9	JP 3012249 B2	12-10-1999	Japan			
	10	JP 2000-18026 A	01-18-2000	Japan			
	11	JP 9-94434 A	04-08-1997	Japan			
	12	JP 6-159037 A	06-07-1994	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER  <i>Tu M. Nguyen</i>				DATE CONSIDERED  <i>9/17/2007</i>			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

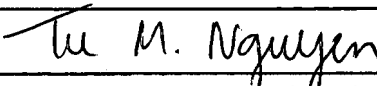
Date: April 22, 2004

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
TMN ↓	13	6,167,696	1/2001	MAASEIDVAAG et al.			
	14	5,473,890	12/1995	TAKESHIMA et al.			
	15	5,709,722	1/1998	NAGAI et al.			
	16	2001/0035006	11/2001	DOU et al.			
	17	2001/0052232	12/2001	HOFFMANN et al.			
	18	2003/0115859	6/2003	DEEBA			
	19	09/979,643	11/26/2001	NAKATANI et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
TMN ↓	20	JP 6-272541 A	09-27-1994	Japan			
	21	JP 11-300165 A	11-02-1999	Japan			
	22	59-30507	2/25/84	JAPAN			
	23	WO 00/42302	7/20/00	WIPO			
	24	EP 0 984 142 A1	8/3/00	EUROPEAN			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER				DATE CONSIDERED			
<i>Tu M. Nguyen</i>				<i>9/17/2007</i>			
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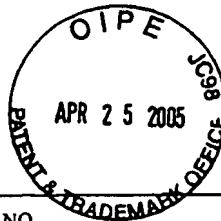
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
TMN	25	5,850,735	12/1998	ARAKI et al.			
TMN	26	5,974,791	11/1999	HIROTA et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
TMN	27	04031614 A	3/2/92	JAPAN			
	28	07180536 A	7/18/95	JAPAN			
	29	60-235620	11/22/85	JAPAN			
	30	05354427 (abstract)	7/28/95	JAPAN			
	31	02070389 (abstract)	12/3/91	JAPAN			
	32	55050255 (abstract)	11/18/81	JAPAN			
	33	03344731 (abstract)	7/20/93	JAPAN			
	34	5-98932	4/20/93	JAPAN			
	35	61-28709	8/2/86	JAPAN			
	36	58-137423	8/15/83	JAPAN			
	37	11-336534	12/7/99	JAPAN			
	38	10-306717	11/17/98	JAPAN			
	39	10-220218	8/18/98	JAPAN			
	40	8-338229	12/24/96	JAPAN			
	41	7-189656	7/28/95	JAPAN			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER				DATE CONSIDERED			
				9/17/2007			
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INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANT(S) Takamitsu ASANUMA et al.  FILING DATE April 22, 2004			
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
TMN	42	6,293,096	9/2001	KHAIR et al.			
TMN	43	6,314,722	11/2001	MATROS et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
TMN	44	7-119444	5/1995	Japan (w/Abstract & English-translation)			
↓	45	4-129829	4/1992	Japan (w/Abstract only)			
	46	63-100218	5/1988	Japan (w/Abstract only)			
	47	6-159037	6/1994	Japan			
	48	6-200741	7/1994	Japan			
	49	6-117221	4/1994	Japan			
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
EXAMINER				DATE CONSIDERED			
				9/17/07			
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INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANT(S) Takamitsu ASANUMA et al.			
				FILING DATE April 22, 2004		GROUP 3748	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
TMN	A	6,735,940	05/2004	Stroia et al.			
TMN	B	6,742,328	06/2004	Webb et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER <i>Tu M. Nguyen</i>				DATE CONSIDERED <i>9/17/2007</i>			
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